

Due Date: February 17, 2002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Norbert O. Reich et al. Examiner: J. Wilson  
Serial No.: 09/485,071 Group Art Unit: 1623  
Filed: February 3, 2000 Docket: G&C 30794.30-US-WO  
Title: MODULATORS OF DNA CYTOSINE-5 METHYLTRANSFERASE AND  
METHODS FOR USE THEREOF

## CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on February 15, 2002.

By: 

Name: Karen S. Canady

AMENDMENT UNDER 37 C.F.R. §1.111

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated September 17, 2001, please amend the above-identified application as follows.

IN THE CLAIMS

✓ Please cancel claims 1-25 without prejudice to Applicants' right to pursue the subject matter of these claims in another application, and add new claims 26-48 as follows:

26. (NEW) A synthetic oligonucleotide of at least approximately 30 nucleotides in length and comprising a 5mCpG dinucleotide, wherein the 5mC is a C-5 methylcytosine, and wherein the synthetic oligonucleotide comprises a phosphorothioate nucleotide.

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